



PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Docket No: Q67541

Noboru YAMAJI, et al.

Appln. No.: 10/009,332

Group Art Unit: 1614

Confirmation No.: 3848

Examiner: Not Yet Assigned

Filed: December 10, 2001

For: NOVEL METALLOPROTEASE HAVING AGGREGANASE ACTIVITY

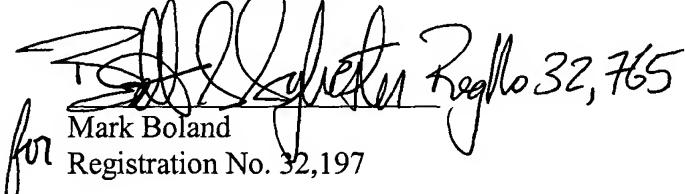
SUBMISSION OF FORMAL DRAWINGS

Commissioner for Patents
Washington, D.C. 20231

Sir:

Submitted herewith please find eight (8) sheets of formal drawings, Fig. 1 - Fig. 8. The Examiner is respectfully requested to acknowledge receipt of these formal drawings.

Respectfully submitted,


for Mark Boland
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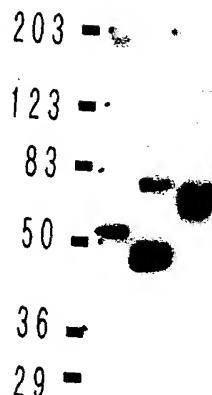
Date: July 26, 2002

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FIG. 1

M.W.MARKER
MDTS6TSP1
MDTS6Cys

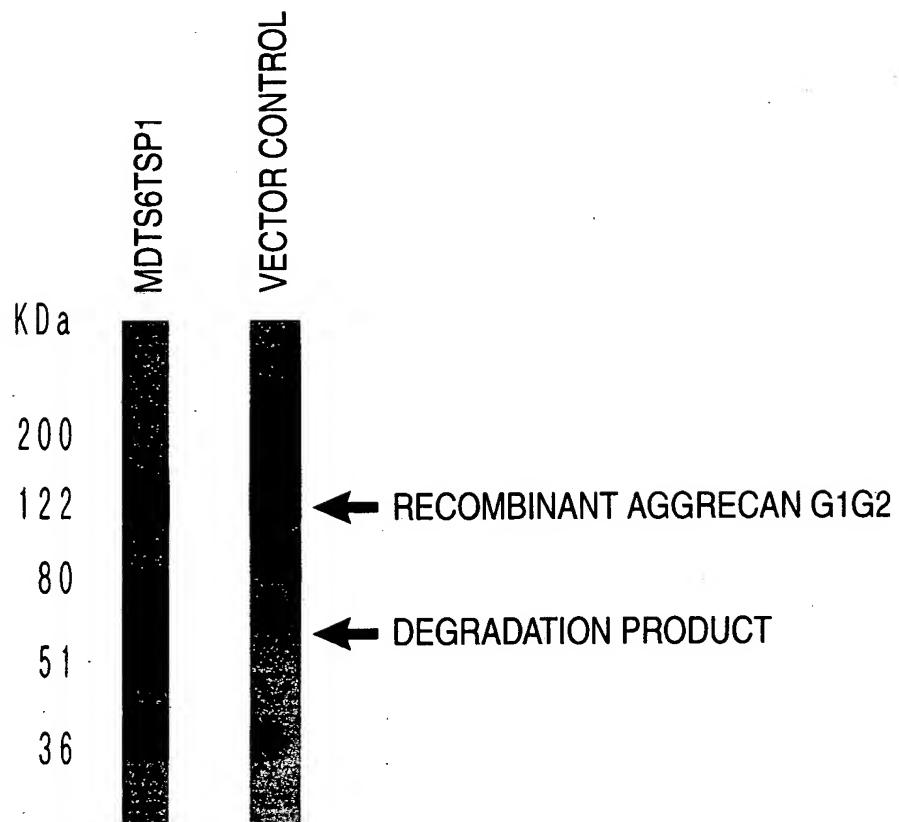




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FIG. 2



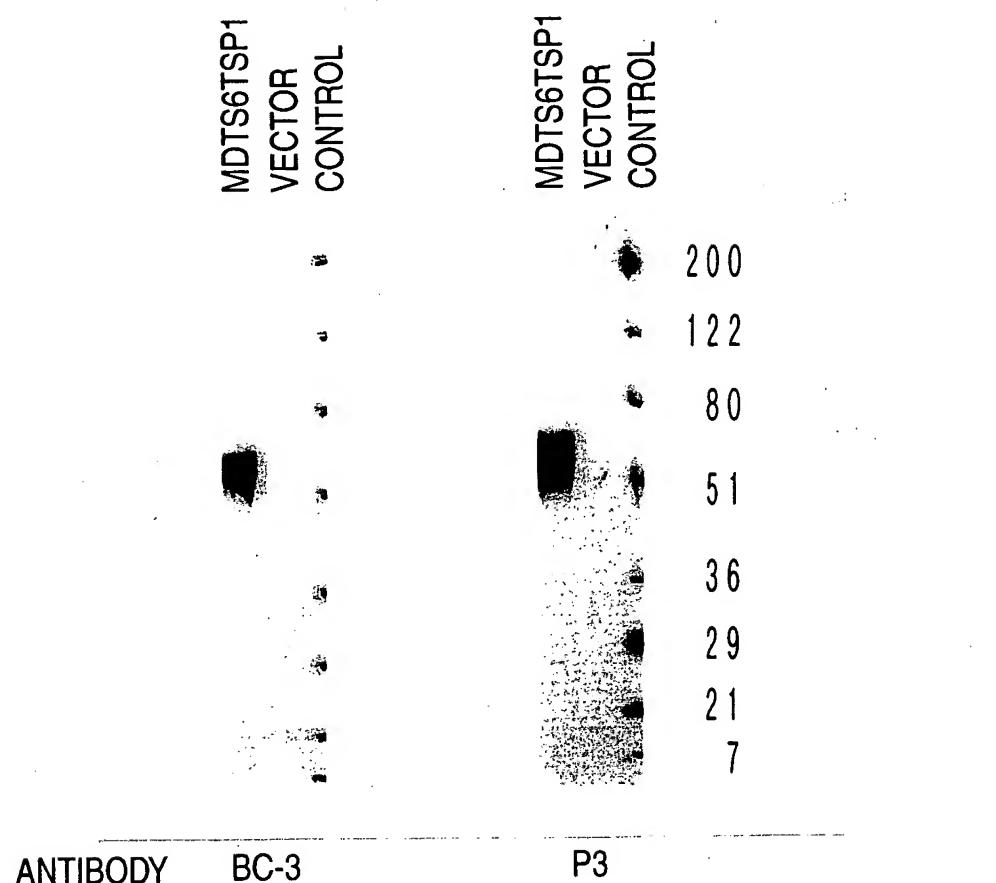
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FIG. 3



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FIG. 4

IL-1 TREATMENT (TIME) 0 1 2 4 8



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FIG. 5

EDTA - + - +

M.W. MARKER
MDTS6TSP1
MDTS6Cys

KDa

211

122

80

51

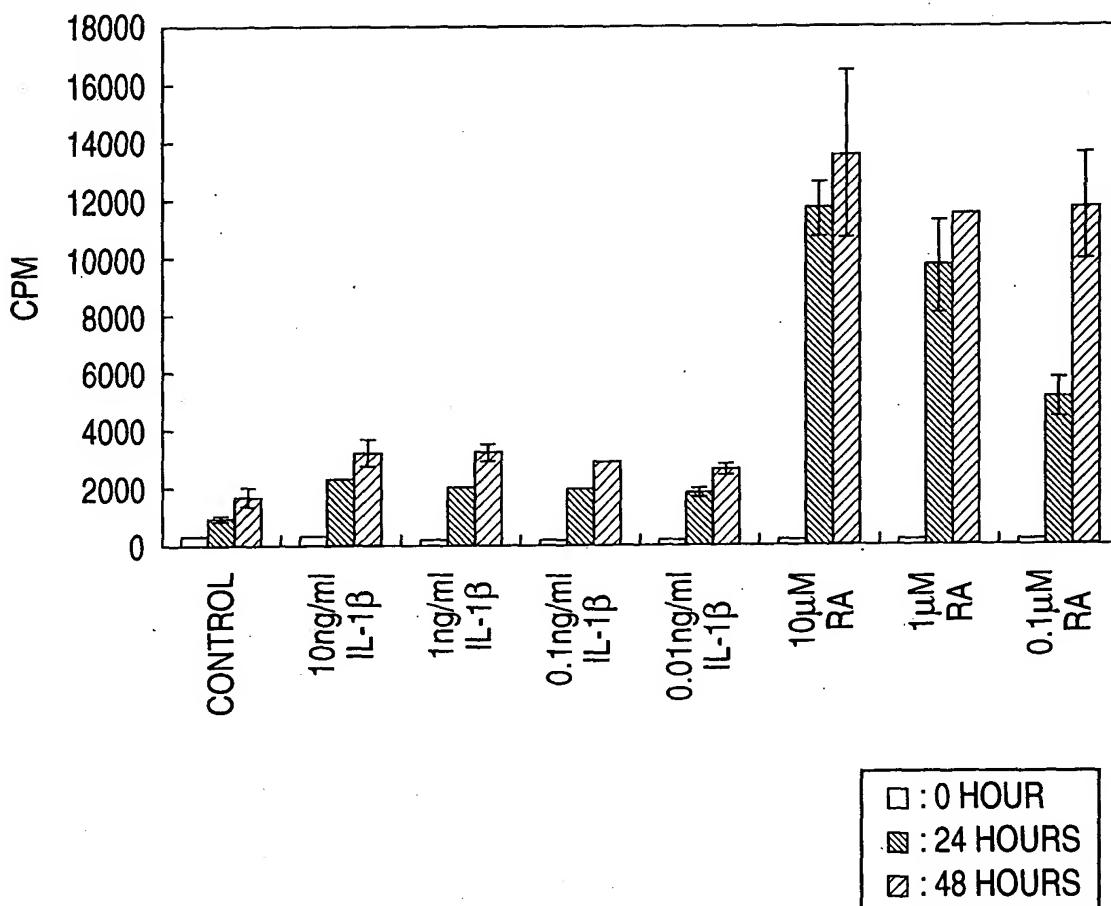
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FIG. 6

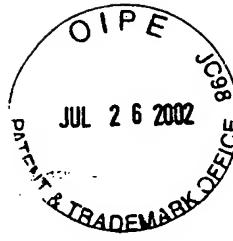


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FIG. 7



- 1: NO TREATMENT
- 2: IL-1 β 2 HOURS TREATMENT
- 3: R.A. 2 HOURS TREATMENT
- 4: IL-1 β 6 HOURS TREATMENT
- 5: R.A. 6 HOURS TREATMENT



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FIG. 8

